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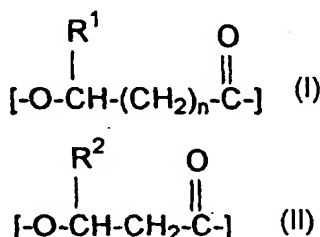
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- (71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MELIK, David, Harry [US/US]; 4192 Intrepid Drive, Cincinnati, OH 45252 (US). NODA, Isao [JP/US]; 1568 Hunter Road, Fairfield, OH 45014 (US).
- (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
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(54) Title: POLYMER PRODUCTS COMPRISING SOFT AND ELASTIC BIODEGRADABLE POLYHYDROXYALKANOATE COPOLYMER COMPOSITIONS AND METHODS OF PREPARING SUCH POLYMER PRODUCTS



(57) Abstract: Soft and elastic polymer products are obtained by stretching a composition comprising a biodegradable polyhydroxyalkanoate copolymer comprising at least two randomly repeating monomer units. The first randomly repeating monomer unit has the structure (I), wherein R¹ is H, or C1 or C2 alkyl, and n is 1 or 2. The second randomly repeating monomer unit has the structure (II), wherein R² is a C3-C19 alkyl or C3-C19 alkenyl. At least about 70 mole % of the copolymer comprises randomly repeating monomer units having the structure of the first randomly repeating monomer unit (I). The products exhibit advantageous combinations of softness and elasticity while maintaining strength.